

### Model Number

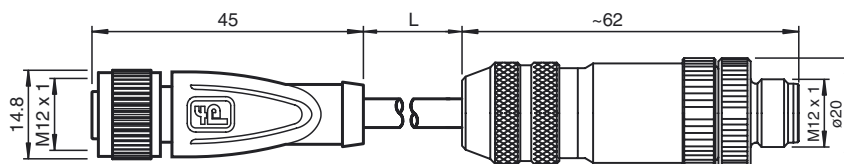
#### V1-G-3,5M-PUR-ABG-V15B-G

Adapter M12 x 1 A-coded to M12 x 1 B-coded

### Features

- Knurled nut suitable for tool assembly
- Immunity to vibration, with mechanical latching
- Shield attached to coupling nut
- Gold-plated and machined contacts
- Halogen-free

### Dimensions



### Technical data

#### General specifications

Number of pins	4 + shield
Connection 1	socket
Construction type 1	straight
Threading 1	M12
Connection 2	Male connector
Construction type 2	straight
Threading 2	M12

#### Electrical specifications

Operating voltage	$U_B$	max. 60 V DC
Test voltage		> 1500 V <sub>eff</sub> AC
Operating current		max. 4 A
Volume resistance		< 5 m $\Omega$

#### Ambient conditions

Ambient temperature	-25 ... 85 °C (-13 ... 185 °F)
Pollution Degree	3

#### Mechanical specifications

Contact elements	spring-loaded contact socket
Pin diameter	1 mm
Degree of protection	IP67
Connection	4-pin, M12 x 1 connector, A-coded 5-pin, M12 x 1 connector, B-coded

#### Material

Contacts	CuSn / Au
Contact surface	Au
Body	TPU, green
Cable	PUR
Slotted nut	Diecast zinc
Sleeve connector	Diecast zinc
Core insulation	PP
Cable	fine-strand, flexible
Sheath diameter	Ø4.8 mm
Bending radius	> 10 x cable diameter, moving
Color	grey
Cores	4 x 0.34 mm <sup>2</sup>
Conductor construction	19 x 0.15 mm Ø
Shield	grid
Length	L 3.5 m
Flammability	
Contact material	94 HB
Housing	94 V-2

### Electrical connection

